STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

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Application Serial Number: _10/597,945_
Source: _TFWO_
Date Processed by STIC: _08/24/2006_

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission
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Revised 01/10/06

IFWO

RAW SEQUENCE LISTING   DATE: 08/24/2006
PATENT APPLICATION: US/10/597,945   TIME: 13:07:45

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08232006\J597945.raw

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 2 <110> APPLICANT: Korea Research Institute of Bioscience and Biotechnology
 3         KWAK, Sang-Soo
 4         KWON, Suk-Yoon
 5         LEE, Haeng-Soon
 6         RYU, Sun-Hwa
 8 <120> TITLE OF INVENTION: Multiple stress-inducible peroxidase promoter derived from
 9         Ipomoea batatas
11 <130> FILE REFERENCE: 58049-00035
13 <140> CURRENT APPLICATION NUMBER: US 10/597,945
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W--> 14 2006-08-11   → PG Insert Mandatory ∠1417

C--> 16 <141> CURRENT FILING DATE: 2006-08-11

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16 <150> PRIOR APPLICATION NUMBER: PCT/KR2004/000381
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W--> 17 2004-02-24   ⤷ PG Insert   Mandatory <1517

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19 <160> NUMBER OF SEQ ID NOS: 30
21 <170> SOFTWARE: Kopatentin 1.71
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Does Not Comply
Corrected Diskette Needed

(Pg-2,3,4)

ERRORED SEQUENCES

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24 <211> LENGTH: 1512
25 <212> TYPE: DNA
26 <213> ORGANISM: Ipomoea batatas
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33 aagtggctgg tagacaacac tctagagtcg tcagtggccg acgtgctctc actacgccta   180
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37 gtggacgccg ccattgatgc agaaacccgc atgggtgctt ccctcattcg cctcttcttc   300
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41 tttttttttc ccactgcatt atattaggaa attaacacga ttgaaatgtg tgttattaat   420
43 gtattatctg cagggttgtg acgcaggtct tctactaaac gatacaccta ctttcaccgg   480
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61 aggtgttcac acggttgggt tttcgagatg tccgctttta tgcgttccca ttttcatcaa  1020
63 tcccgcccgg gcctccacgc tgcaatgcaa ctgtccggtg agtcccgacg acaccgggct  1080
65 ggtgggcctg gacccccactc cgttgacgtg ggaccaaagt ttttactccg acgtggctaa  1140
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    71 gaagatgagc ctcctgccgc cgtcccccgg agtggagctc gaaatccgag aggtttgcag  1320
    73 cgaggtgaat gccaacacag ttgcatccat gtgaagttcg ttcccatcga catcaataac  1380
    75 gtctgtgatt ctgtgtgaaagt tttactcgga ctgtgaagaa ttttcacttt ctgttgtttc  1440
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   135 aattagaaca aattaaatct cagtttgctt tattattatta ttatccaacaa taataattta  180
   137 atactgatcg aagaactttc ccttttcaagt tctctattta aggaagcctg agaagccatt  240
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   142 306
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   152 <222> LOCATION: (1)..(366)
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   161 aaatagtact ccaatcataa taaattatct tatattatat tgccaacaat taaaaattca   180
   163 aattagaaca aattaaatct cagtttgctt tattattatta ttatccaacaa taataattta  240
   165 atactgatcg aagaactttc ccttttcaagt tctctattta aggaagcctg agaagccatt  300
   167 aatcctcatc atcagctcga ccactcattt cttcttcata cttccttttgc tgtgataatc  360
E--> 169 atcatc                                                              366
   170 366
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   181 <223> OTHER INFORMATION: -433 deletion promoter
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1512 (handwritten)

306 (handwritten)

366 (handwritten)

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    189 atcatggtaa ggtgttttat cgtggcagca tgagtgcatg acaaacgcat atattattat     180
    191 taaaacaaaa tagtactcca atcataataa attatcttat attarattgc caacaattaa     240
    193 aaattcaaat tagaacaaat taaatctcag tttattttat tatattatta tcaacaataa     300
    195 taatttaata ctgatcgaag aacttttcct ttcaagttct ctatttaagg aagcctgaga     360
    197 agccattaat cctcatcatc agctcgacca ctcatttctt cttcatactt cctttgctgt     420
E--> 199 gataatcatc atc                                                         420
    200 433
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    366 <221> NAME/KEY: promoter
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    368 <223> OTHER INFORMATION: ~1934 deletion promoter
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    374 aagtctcaca ctgtgaaatca atcaagactc ttacactaac aattcctcaa tataccccat    120
    376 aatatcatct ctacttaaac tagagagatt tccaactctc aattaatcac caaaggtaac     180
    378 tctccaaata tccaaatgga aggttcaac ttccaaacta ataccaaacc aaccggacta      240
    380 atcataatca tattcatat cataaatcgt tctaactgc cctgtccag aaattacagt        300
    382 tttgcgcagt ccgaaagatt gagccggtaa caatagttcc cgaactcttt ttcacttgaa     360
    384 attttatgg tagaaccta actatagta cttgatatcc ataaaagtt ttggtcaact         420
    386 aggttcacga attaacacag aaaattacat ctttgcccttt ggcagtgggc tgtccgggaat   480
    388 tctgtctcte tggaccagtt ttggcaaaca attttgaaac cacacttata ctactccaaa     540
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    392 ggtcaaaata ccttaccgat ttttcccaaa tattcacgga atctactgcc agaatctacc     660
    394 ctgcttttc ctttcactat tttcaaact ataagcatat atgggcataa atatgacatg       720
    396 aacatgcatg aaccaatgca gggtgaaagt aagattgaat atactgatac tacaattaac     780
    398 taatgataaa gtataacttt tgtaaaaaat ttgattttt tttttgatga attcatatac      840
    400 tccaaagatt ttcctcattt aattaaattt ctatcctcat gttgaaccca ttaatcgaat     900
    402 aattgacata ttagataaac ttagccatca tatgacattt gatcatgatt gatgatttt      960
    404 aaaaaataaa aacaaaatta tgaaagggta atgaaatatt ttaaaaaaat tatgtaaacc    1020
    406 ctgtaatcca gaatctgta tgaaataatt ttgtttcaa ctaagaggat gttggcaaaa      1080
    408 gtataattaa acttgtgato tccgtacaat aattatgctt cacgcactca atagtcaca     1140
    410 tctttccagg caaaatttat ttttctatga atatgagaag ttccatctat ggaaataacg    1200
    412 gattatttat ctaattttca aattctatat atatatgtctc gagtggaaca aaaatagaac   1260
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    416 ggtactatac ttaatcctca tcatagtctt caaccctgca tatagcacac ttaacattrt    1380
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    422 aatggtgact taaagggctg aatccaacat atattctgac atttaaaaat gctaacgtac    1560
    424 ggttagatta gtataatgaa ataaagttaa tcattctcta tatttgatga tggtaattag    1620
    426 tatcatggta aggtgtttta tcgtggcagc atgagtgcat gacaaacgca tatattatta    1680
    428 ttaaaacaaa atagtactcc aatcataata aattatctta tattatattg ccaacaatta    1740
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E--> 436 tgataatcat catc                                                     1934
    437 1934
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    773 <213> ORGANISM: Artificial Sequence
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    776 <223> OTHER INFORMATION: reverse primer for NPTII
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    780 atcgggagcg gcgataccgt a                                               21
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E--> 785 1
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delete

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/24/2006
PATENT APPLICATION: US/10/597,945   TIME: 13:07:46

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08232006\J597945.raw

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:4; Line(s) 141
Seq#:5; Line(s) 169

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/597,945

DATE: 08/24/2006
TIME: 13:07:46

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08232006\J597945.raw

L:14 M:259 W: Allowed number of lines exceeded, <140> CURRENT APPLICATION NUMBER:
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:17 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:
L:79 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1512 SEQ:1
L:141 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:306 SEQ:4
L:169 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:366 SEQ:5
L:199 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:433 SEQ:6
L:436 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1934 SEQ:10
L:783 M:254 E: No. of Bases conflict, this line has no nucleotides.
L:786 M:254 E: No. of Bases conflict, this line has no nucleotides.